

# NIENTEMUFFA

MACRO-POROUS DEHUMIDIFYING TWO-COAT PLASTER FOR NEW WALLS AND REPAIRS. RESISTANT TO SEEPING SOLUBLE SALTS, ENSURES ELEVATED AND LASTING PROTECTION FROM RAINFALL. FOR INTERIORS AND EXTERIORS. PROFESSIONAL USE.



## TECHNICAL FEATURES:

**Nientemuffa** is a powder product composed of highly resistant cements, selected aggregates and special components that guarantee the formation of macro-pores in its interior. It was designed to have an elevated permeability to steam united with very limited absorption of water to drastically reduce the humidity present in walls. It is the most indicated product for easily creating plaster with two-coat



working destined to last over time with its superior aesthetic characteristics and functioning.

It is free of saline efflorescence and extremely resistant to freezing temperatures.

## FIELDS OF APPLICATION:

The creation of plaster free of saline efflorescence and resistant to deterioration caused by seeping humidity, in old and new buildings, with depth up to three centimeters each coat, interior and exterior.

## INSTRUCTIONS FOR USE AND CONTRAINDICATIONS:

The sub-bases must be mounted and rigid, invulnerable to movement resulting from elastic oscillations and vibrations of the structure. They must also have completed their shrinkage phase and they must be perfectly dry, clean and free of oils.

For renovations, the damaged plaster must be removed for at least one meter beyond the signs of humidity and the wall must be absolutely free of dust, oils and inconsistent or broken parts. The saline efflorescence must be removed with thorough high pressure cleaning and the mortar in the joints between the bricks or stones must be dug out to a distance of at least two centimeters from the surface to be plastered. The stones or bricks that are particularly damaged must be replaced and any gaps or missing parts can be reconstructed with the appropriate Benfer products.

## PREPARATION OF THE MIXTURE:

Mix **Nientemuffa** with 16-18% clean water (4-4,5 liters of water for a 25 kg sack of powder) using a concrete mixer or an electric mixer at low speed until obtaining a smooth mortar without any lumps, making certain not to prolong the mixing time for no more than 3-4 minutes. It is very important that the maximum mixing time is adhered to. The product must be used within one hour.



25 kg and in pallets of 1,500 kg.

**CONSERVATION:**

In its original closed package in a dry cool place.

**DURATION:**

12 months from the date listed on the package; in conformity with the directive 2003/53/CEE informing that this time expiration regards the efficiency of the reducing agent in respect to hydro-soluble Chrome VI.

**PRODUCT TECHNICAL DATA**

APPEARANCE	GREY POWDER
CONSERVATION	IN THE ORIGINAL UNOPENED PACKAGING, IN A DRY PLACE
DURATION: 12 MONTHS FROM THE DATE LISTED ON THE PACKAGE; IN CONFORMITY WITH THE DIRECTIVE EEC 2003/53 INFORMING THAT THIS TIME EXPIRATION REGARDS THE EFFICIENCY OF THE REDUCING AGENT IN RESPECT TO HYDRO-SOLUBLE CHROME VI.	
DANGER OF HARM	NO POSSIBLE IRRITATION OF THE EYES AND SKIN FOR CONTACT DUE TO THE CEMENT CONTENT. ADEQUATE PROTECTION IS RECCOMENDED.
FLAMMABILITY	NO
MIXING RATIO	16-18 PARTS WATER WITH 100 PARTS POWDER BY WEIGHT
LIQUID MIXTURE	4-4,5 LITERS PER 25 KG SACK OF POWDER
MAXIMUM APPLICATION DEPTH	3 cm PER COAT
COVERAGE	13-14 Kg/m <sup>2</sup> PER CM OF THICKNESS
APPLICATION TEMPERATURE	FROM + 5°C TO + 35°C
MIXTURE POT LIFE	50-60 MINUTES

**FINAL PERFORMANCES**

POROSITY	> 25%
RESISTANCE TO DIFFUSION FACTOR OF STEAM ( $\mu$ )	12
COMPRESSIVE STRENGTH AFTER 28 DAYS	4,5 N/mm <sup>2</sup>
FLEXURAL STRENGTH AFTER 28 DAYS	2,0 N/mm <sup>2</sup>
RESISTANCE TO TEMPERATURE	FROM - 30°C TO + 90°C

data collected at 23°C and 50% of r.h.

PLEASE NOTE: The data and information contained herein are dictated by our best results, and are purely indicative and must be verified by the user of the product who assumes complete responsibility for its use.